

Technical Data Sheet

Product

Anti-HLA-E Purified

Cat. Number/Size

11-393-C025

0.025 mg

11-393-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	HLA-E
Clone	MEM-E/06
Format	Purified
Reactivity	Non-human primates, Human
Application	FC (QC tested), IP, IHC(P)
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: spleen. Flow cytometry: Recommended dilution: 1-4 µg/ml
Isotype	Mouse IgG1
Specificity	The antibody MEM-E/06 recognizes an extracellular epitope on native surface-expressed HLA-E, but not denaturated heavy chain of HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on many types of the human cells. The published results showed that the antibody cross-reacts with some classical MHC Class I molecules (HLA-A3, -A11, -B7). However, the recent Workshop I Session on the 3rd International Conference on HLA-G (Paris, July 2003) confirmed that the antibody exhibits much broader cross-reactivity classical MHC Class I antigens, namely with HLA-A24, -A32, -B8, -B15, -B27, -B35, -B44, -B54, -C3, -C4, -C5, -C7.
Other names	HLA class I histocompatibility antigen, alpha chain E, MHC class I antigen E
Immunogen	Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide.
Entrez Gene ID	3133
Gene name	HLA-E
NCBI Full Gene Name	major histocompatibility complex, class I, E
UniProt ID	P13747

Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References www.exbio.cz

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